

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

January 15, 2020

Carrie M. Tackema Senior Regulatory Manager Nufarm Americas, Inc. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560

Subject: Label Amendment – Corrected application rates in response to EPA letter,

updated first aid location, updated resistance management, updated

pesticide disposal info, and various other label updates

Product Name: Veteran 720 Herbicide EPA Registration Number: 228-295 Application Date: March 8, 2019

Decision Number: 551501

#### Dear Ms. Tackema:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. *The next label printing of this product must use this labeling unless subsequent changes have been approved.* You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Curtis Hildebrandt at 703-347-8198 or by email at hildebrandt.curtis@epa.gov.

Sincerely,

Mindy Ondish

Mindy Ondish

Product Manager 23

Herbicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosure

# VETERAN® 720

## **HERBICIDE**

WATER SOLUBLE INDUSTRIAL HERBICIDE FOR CONTROL OF BRUSH AND BROADLEAF WEEDS ON RIGHTS-OF-WAY, FOREST BRUSH, FENCE ROWS, NON-IRRIGATION DITCHBANKS, WASTELAND, GENERAL FARMSTEAD, AND SIMILAR NONCROPLAND AREAS. ALSO FOR PASTURES AND RANGELANDS.

ACTIVE INGREDIENTS:  Dimethylamine salt of 2,4-Dichlorophenoxyacetic Acid*  Dimethylamine salt of Dicamba (3,6-Dichloro-o-Anisic Acid)**	
OTHER INGREDIENTS: TOTAL:	
BY ISOMER SPECIFIC METHOD, EQUIVALENT TO:  *2,4-Dichlorophenoxyacetic Acid	1.9 lbs /gal
**Dicamba (3,6-Dichloro-o-anisic Acid)	

# DANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 For Medical Emergencies Only, Call (877) 325-1840

FIRST AID				
IF IN EYES	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>			
IF SWALLOWED	<ul> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>			
IF ON SKIN OR CLOTHING	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.			
	HOT LINE NUMBER ainer or label with you when calling a poison control center or doctor, or going for treatment. You 7-325-1840 for emergency medical treatment information.			
NOTE TO PHYSICIAN				

EPA REG. NO. 228-295 EPA EST. NO. Manufactured For NUFARM AMERICAS INC. 11901 S. Austin Avenue Alsip, IL 60803

NET CONTENTS GAL. ( L)
[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

Probable mucosal damage may contraindicate the use of gastric lavage.

000228-00295.20200115.draft

### ACCEPTED

01/15/2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 200 505

228-295

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER / PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- · long-sleeved shirt and long pants
- · shoes and socks
- goggles or faceshield
- chemical-resistant gloves made of barrier laminate, butyl rubber ≥ mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils (except for applicators using groundboom equipment, pilots, and flaggers)
- chemical-resistant apron when applying postharvest drips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENGINEERING CONTROLS**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Pilots must use an enclosed cockpit which meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(4-6)].

#### **USER SAFETY RECOMMENDATIONS**

#### **Users Should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This product has properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For use on plants in non-crop and non-timber areas only. Not for use on trees, crops, or other plants being grown for sale or other commercial use, or for commercial seed production, or for the production of timber or wood products, or for research purposes. This product is a water soluble industrial herbicide for brush and broadleaf weed control, for use on rights-of-way (utility, railroad, highway, pipeline), nonselective forest brush control, fence rows, non-irrigation ditchbanks, wasteland, general farmstead, and similar non-cropland areas. Also for pastures and rangeland.

Do not apply this product through any type of irrigation system.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- coveralls worn over short-sleeve shirt and short pants
- chemical- resistant footwear plus socks
- chemical-resistant gloves made of barrier laminate, butyl rubber ≥ mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) > 14 mils, or Viton > 14 mils
- chemical-resistant headgear for overhead exposure
- protective eyewear

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

#### SENSITIVE CROP PRECAUTIONS

This product may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to this product during their development or growing stage.

Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of this product with the roots of desirable plants such as trees and shrubs.

To avoid injury to desirable plants, equipment used to apply this product should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT on back panel) before reusing to apply any other chemicals.

#### MIXING AND APPLICATION

This product is a water-soluble formulation which can be applied using water or oil/water emulsions as the carrier. Herbicide adjutants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) such as Redi-Vert™,

Bivert<sup>®</sup>, Cayuse™, R-11<sup>®</sup>, and R-900<sup>®</sup>, may be used for wetting, penetration, or drift control. Read and follow all use recommendations and precautions on the label(s) of product(s) used. A COMPATIBILITY TEST (see other panel) should be made prior to tank mixing.

This product may be applied with ground or aerial equipment for broadcast treatments, or with handgun, backpack, or similar types of equipment for treatment of individual clumps or small areas (spot treatments).

NOTE: To prepare oil/water emulsions, shake well before using, half fill spray tank with water. Add a suitable emulsifier. Then, with constant agitation, slowly add the appropriate amount of herbicide followed by the necessary oil (or slowly add a premix of emulsifier and oil). Finally, fill the rest of the tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

#### **RESISTANCE MANAGEMENT**

For resistance management, this product is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 4 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information
  related to herbicide use [and crop rotation] and that considers mechanical control methods, cultural (e.g., timing to favor the
  turf [or crop] [higher crop seeding rates; precision fertilizer application method] and not the weeds), biological (weedcompetitive [crops] [or] varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method [such as hoeing or tillage]. Prevent movement of resistant weed seeds to other areas by cleaning equipment [when moving between fields, and planting clean seed].
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report non-performance or suspected resistance, contact Nufarm at 1-800-345-3330

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. **DO NOT** assume that each listed weed is being controlled by this mechanism of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds.
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

#### **INTEGRATED PEST MANAGEMENT**

Nufarm recommends the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### **Droplet Size**

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572.1) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572.1) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

#### Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

#### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

#### Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements Applicators must follow all state and local pesticide drift requirements regarding application of herbicides. Where states have more stringent regulations, they must be observed.

#### Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Additional requirements for aerial applications:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rightsof-way applications.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

Additional requirements for ground boom applications:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Dock, Curly

#### **SPECIES CONTROLLED**

When used as directed, this product will control or suppress many herbaceous broadleaf weeds (annual, biennial, and perennial) as well as many unwanted woody plant and vine species. Species controlled include:

#### **ANNUALS**

Buckwheat, wild Henbit Purslane Carpetweed Knawl Ragweed Chickweed Smartweed Lambsquarter Clover Morningglory Velvetleaf

Cocklebur Mustard Daisy, English Pigweed

#### **BIENNIALS**

Ragwort, Tansy Thistle, Musk

#### **PERENNIALS**

Bindweed, Field Dogfennel Knapweed Sorrel, Sheep Spurge

Carrot. Wild Russian Milkweed Leafy Thistle, Canada

(Queen Anne's Lace) Ragweed, Perennial

#### WOODY BRUSH AND VINES

Alder	Dogwood*	Oak	Serviceberry
Ash	Elderberry	Olive, Russian	Snowberry
Aspen	Elm	Persimmon Pine	Spruce Sumac
Brasswood	Gum	Plum, Wild*	Sycamore
Beech	Hawthorn*	Poplar	Trumpetcreeper
Birch	Hemlock	Puncturevine	Waxmyrtle
Blackberry*	Honeysuckle	Raspberry Redcedar	Willow
Cherry	Ivy, Poison	Redvine, Eastern*	Witchhazel
Creeper, Virginia	Kudzu	Rose, Multiflora*	Yaupon*
Creosotebush*	Locust	Sagebrush	
Cucumber tree	Maple	Sassafras Schinus	

Sassafras Schinus (Florida Holly, Brazil

Peppertree, Christmas-berry)

Toadflax, Dalmatian

#### **RATES**

This product contains 0.475 lb. a.e. 2,4-D+0.25 lb. a.e. Dicamba per quart. Do not exceed a total of 2 gallons (3.8 lb. a.e. 2,4-D+2 lb. a.e. Dicamba) of this product per acre per year.

Regardless of the species to be controlled, spray volumes should be high enough to allow for good spray coverage. Make applications when weeds and brush are actively growing. The addition of surfactants can increase control. Biennials are best controlled when treated in the rosette stage. Regrowth may occur on resistant species. Retreatments may be made as needed. To control additional weed species, this product may be tank mixed with any of the products listed on this label.

<sup>\*</sup>Suppression

#### HERBACEOUS BROADLEAF WEED CONTROL

Apply 1 to 4 quarts (0.75 to 3 ounces per 1,000 square feet) of this product in 20 to 100 gallons of water per treated acre. When using low-volume application equipment, 3 to 20 gallons of water per acre is acceptable. 1 to 2 quarts (0.75 to 1.5 ounces per 1,000 square feet) of this product for annuals, 2 to 4 quarts (1.5 to 3.0 ounces per 1,000 square feet) of this product for biennials and easy-to-kill perennials, and 4 quarts of this product for established perennials.

#### **BRUSH AND VINE CONTROL**

This product may be applied as a spot application to control undesirable vegetation using handgun or similar types of application equipment.

#### Foliar Spot Applications:

- Spray when leaves have reached full size but have not hardened due to drought or maturity.
- Spray individual plants to wet with handgun.
- For larger stems (up to 3" in diameter) and hard to control species, direct spray stream to base of stems to wet the stem at sod surface in addition to wetting the foliage.
- Do not apply under drip line of desirable trees or adjacent to desirable vegetation.

**High Volume Foliar Spot Applications:** Mix 1 gallon of this product in enough water to make 100 gallons of spray mix. When using low-volume application equipment, 3 to 20 gallons of water per acre is acceptable. Spray volume applied will depend on the size and density of the brush to be treated. Direct the spray to treat all foliage, stems, and root collars to wet.

**Broadcast Applications with Ground Equipment:** Apply 1 gallon of this product in 20 to 100 gallons of water per treated acre. When using low-volume application equipment, 3 to 20 gallons of water per acre is acceptable. Spray volume applied will depend on the size and density of the brush to be treated.

#### **AERIAL APPLICATIONS**

Aerial applications may be made to control either herbaceous or woody plants. Apply 1 to 4 quarts of this product (for herbaceous weeds) or 1 gallon of this product (for woody brush and vines) in 5 to 40 gallons of water per treated acre. Coverage is important, so increase spray volume when treating dense stands of brush or weeds.

#### **USE RESTRICTIONS FOR NON-CROPLAND**

- Post-emergence (annual and perennial weeds):
  - o Do not apply more than 1 gallon of this product (1.9 lb. a.e. 2,4-D+1 lb. a.e. Dicamba) per acre per application.
  - o Do not apply more than 2 gallons per acre (3.8 lb. a.e. 2,4-D+2 lb. a.e. Dicamba) of this product per year.
  - o Do not apply more than two applications per year.
  - Minimum spray interval between applications is 30 days.
- Post-emergence (woody plants):
  - o Do not apply more than 1 gallon of this product (1.9 lb. a.e. 2,4-D+1 lb. a.e. Dicamba) per acre per application.
  - O Do not apply more than 2 gallons per acre (3.8 lb. a.e. 2,4-D+2 lb. a.e. Dicamba) of this product per year.
  - Do not apply more than one application per year.
- Post-emergence (pasture and rangeland):
  - Do not apply more than 1 gallon of this product (1.9 lb. a.e. 2,4-D+1 lb. a.e. Dicamba) per acre per application.
  - O Do not apply more than 2 gallons per acre (3.8 lb. a.e. 2,4-D+2 lb. a.e. Dicamba) of this product per year.
  - O Do not apply more than two applications per year.
  - o Minimum spray interval between applications is 30 days.
  - o If grass is to be cut for hay, Agricultural Use requirements for the Worker Protection Standard are applicable.
  - The pre-harvest interval (PHI) is 7 days (cut forage for hay).

#### TANK MIX TREATMENTS

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, AND OTHER RESTRICTIONS. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. For broader spectrum control, this product may be tank mixed with one or more of the following herbicides for noncropland uses (e.g. railroad, highway, pipeline, etc.) including forest management, pastures and rangeland applications, if permitted by product labeling (e.g. 2,4-D). Add water to the spray tank prior to the addition of the tank mix products. Do not premix concentrates. Refer to all tank mix partner labels for appropriate use rates.

Amitrol*	Maleic hydrazide
Asulam Atratol Bromacil Clorflurecol Chlorsulfuron Dalapon Dicamba*** Diquat Diuron Fenac Fosamine ammonium Glyphosate Hexazinone Imazapyr**	Mefluidide Metsulfuron Methyl¹ MSMA Paraquat* Picloram* Simazine* Sulfometuron methyl Tebuthiuron Triclopyr 2,4-D****

<sup>\*</sup>Restricted use pesticides limited to certified applicators.

Do not exceed 2 pounds total 2,4-D acid equivalent per acre per application per site. Do not exceed 4 pounds total 2,4-D acid equivalent per treated acre per year. (This product contains the equivalent to 1.9 pounds per gallon 2,4-D acid.)

NOTE: All intended tank mix combinations should be used only in specified areas on the same broadleaf weed species found on both labels. For application methods and other use specifications, use the most restricted limitations from labeling of both products.

Due to variations that may occur in formulated products and specific use ingredients (e.g. water supplies) a COMPATIBILITY TEST as described below is recommended prior to actual tank mixing.

#### **COMPATIBILITY TEST**

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

## AMOUNT OF HERBICIDE TO ADD TO ONE PINT OF SPRAY CARRIER (ASSUMING VOLUME IS 25 GALLONS PER ACRE)

HERBICIDE	RATE	LEVEL
FORMULATIONS	PER ACRE	TEASPOONS
Dry	1 pound	1-1/2
Liquid	1 pint	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested components are compatible. Usually incompatibility in any of the above described forms will occur within 5 minutes after mixing. If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of spray solution).

#### PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of this product or tank mixes of this product.

- 1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
- 2) Fill tank with water while adding 1 quart of household ammonia or 1/4 pint of Neutral-Clean™ for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferable overnight. 3) Flush the solution out of the spray tank through the boom.
- 4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply this product as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. Tank mixing this product with water- dispersible formulations, requires the use of a water/detergent rinse.

- 5) Complete step 1.
- 6) Fill tank with water while adding 2 pounds of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
- 7) Flush the detergent solution out of the spray tank through the boom.
- 8) Repeat step 1, and follow with steps 2, 3 and 4.

<sup>\*\*</sup>Limit does not have a common name.

<sup>\*\*\*</sup>Do not exceed a total of 1 pound a.e. dicamba per treated acre per application, or 2 pound a.e. per year. (This product contains 1 pound. a.e. dicamba per gallon.)

<sup>\*\*\*\*</sup> Use of extremely hard water (500 ppm) may cause this product to form a precipitate when used in a tank mix with this product.

<sup>&</sup>lt;sup>1</sup>Using this product and Metsulfuron Methyl to reduce the development and spread of resistant biotypes and problem weeds such as Kochia and Russian thistle: Some commonly resistant weeds typically require multiple spray applications to obtain adequate control. To reduce the number of applications required, applicators can utilize a mixture of Metsulfuron Methyl and this product.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Always store pesticides in original container and in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticides. Store at temperature above 32°F. If allowed to freeze, rewarm to 40°F, remix thoroughly before using. This does not alter this product. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### **CONTAINER HANDLING:**

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple (Container Handling) statements] "NOTE: This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container [handling] instructions below that apply to your container type / size."

[Note to Reviewer: The bracketed section headers will be included when multiple container types / sizes are listed on the label.]

[Nonrefillable Containers 5 Gallons or Less:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its end and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[Refillable containers larger than 5 gallons:] Refillable container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Close all openings and replace all caps. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities. Contact Nufarm's Customer Service Department at 1-800-345-3300 to arrange for return of the empty refillable container.

Local conditions may affect the uses of this chemical as shown on this label. Consult State Experiment Station or Extension Service weed specialist for specific recommendations for local weed problems and for information on possible lower dosages.

#### **WARRANTY DISCLAIMER**

The Directions for Use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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